



SEQUENCE LISTING

<110> Luo, Ying  
Xu, Xiang

<120> Novel Traf4 Associated Cell Cycle Proteins,  
Compositions and Methods of Use

<130> A68294/DJB/RMS/DAV

<140> 09/404,010

<141> 1999-09-23

<160> 9

<170> PatentIn Ver. 2.1

<210> 1

<211> 2644

<212> DNA

<213> Homo sapiens

<400> 1

cccgagcta aggcgcccga accccggcg gcggtgggg cgtatgggtt ttttgcggg 60  
gaccgggtcc gggactttcc ttccgagctc atcccgagc ccccaagaggg cggcctgccc 120  
gggcctggg ccctgcacccg cggccgcaag aaggccacag gcagccccgt gtccatcttc 180  
gtctatgtg tgaagcctgg cgccgaarga gcagacccag gtggccaaag ctgccttcaa 240  
gcrgcttcaa aactctacgg caccggaca tcrctggctt acatcgatgg actggagaca 300  
aaaaaatgcc tccacgtcgt gacagaggct gtgaccccg tggaaatata cctcaaggcg 360  
agagtggagg ctggggcctt gaaggagctg gagatctcctt ggggctaca ccagatctg 420  
aaaggccctca gcttcctggt caacgactgc agcctcatcc acaacaatgt ctgcattggcc 480  
gccgttgc tggaccgagc tggcgagtgg aagcttgggg gcctggacta catgtattcg 540  
ccccaggggca acgggtggggg acctcccgca aaggggatcc ccgagcttga gcagtatgac 600  
ccccggagt tggctgacag cagtggcaga gtggtcagag agaagtggtc agcagacatg 660  
tggcgcttgg gctgcctcat ttggaaagtc ttcaatgggc ccctaccccg ggcagcagcc 720  
ctacgcaacc ctgggaagat ccccaaaacg ctggcgcccc attactgtga gctgggtggga 780  
gaaaacccca aggtgcgtcc caacccagcc cgttccctgc agaactgccc ggcacccctt 840  
ggcttcatga gcaaccgctt tgttagaaacc aacctcttcc tggaggagat tcagatcaaa 900  
gagccagccg agaagcaaaa attcttccag gagctgagca agagcttggaa cgcattccct 960  
gaggatttct gtcggcacaa gtcgtgcctt cagctgtga ccgccttcga gttcggcaat 1020  
gctggggccg ttgtcctcac gcccacttcc aagggtggca agttcctgag cgctgaggag 1080  
tatcagcaga agatcatccc tgggtggtc aagatgttct catccactga ccggggccatg 1140  
cgcatccgcc tcctgcagca gatggagcag ttcatccagt accttgacga gccaacagtc 1200  
aacacccaga tcttcccca cgtcgtacat ggcttccctgg acaccaaccc tgccatccgg 1260  
gagcagacgg tcaagtccat gtcgtccctg gccccaaacg tgaacgaggc caacctcaat 1320  
gtggagctga tgaagcactt tgcacggcta caggccaaagg atgaacaggg ccccatccgc 1380  
tgcaacacca cagtctgcctt gggcaaaatc ggcttcccttccatg caccagacac 1440  
agggtcctta ccttcgtccctt cagccgagcc actaggggacc cgtttgcacc gttccgggtt 1500

gcgggtgtcc tgggcttgc tgccacccac aacctctact caatgaacga ctgtgccag 1560  
aagatcctgc ctgtgctctg cggctctact gttagatcctg agaaatccgt gcgagaccag 1620  
gccttcaagg catttcggag cttcctgtcc aaattggagt ctgtgtcggaa ggaccgcacc 1680  
cagctggagg aagtggagaa ggatgtccat gcagcctcca gccctggcat gggaggagcc 1740  
gcagctagct gggcaggctg ggccgtgacc ggggtctccct cactcacctc caagctgatc 1800  
cgttcgcacc caaccactgc cccaaacagaa accaacattc cccaaagacc cacgcctgaa 1860  
ggagttcctg ccccaagcccc caccctgtt cctgccaccc ctacaacctc aggccactgg 1920  
gagacgcagg aggaggacaa ggacacagca gaggacagca gcactgctga cagatggac 1980  
gacgaagact ggggcagct ggagcaggag gccgagtc tgctggccca gcaggacgac 2040  
tggagcaccg ggggccaagt gagccgtgct agtcaggtca gcaactccga ccacaaatcc 2100  
tccaaatccc cagagtccga ctggagcagc tggttaagctg agggctcctg ggaacagggc 2160  
tggcaggagc caagctccca ggagccaccc tctgacggta cacggctggc cagcgagtt 2220  
aactgggtg gcccagagtc cagcgacaaag ggcgacccct tcgctaccct gtctgcacgt 2280  
cccagcaccc agccgaggcc agactttgg ggtgaggaca actgggaggg cctcgagact 2340  
gacagtcgac aggtcaaggc tgagctggcc cggagaaggc gcgaggagcg gcggcgggag 2400  
atggaggcca aacgcgcccga gaggaaaggta gccaaggggcc ccatgaagct gggagccgg 2460  
aagctggact gaaccgtggc ggtggccctt cccggctgcg gagagccgc cccacagatg 2520  
tatttattgt acaaaccatg tgagccggc cggcccagcc aggccatctc acgtgtacat 2580  
aatcagagcc acaataaatt ctatttaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaacct 2640  
cgag 2644

*Sub B1 Cmt*  
<210> 2  
<211> 832  
<212> RNA  
<213> Homo sapiens

<400> 2  
NSGNNAEEAP GAKAPEPAAA VGTMWFFARD PVRDFPFELI PEPPEGGLPG PWALHGRKK 60  
ATGSPVSIFV YDVKGAEQQ TQVAKAAFKR FKTLRHPNIL AYIDGLETEK CLHVVTEAVT 120  
PLGIYLKARV EAGGLKELEI SWGLHQIVKA LSFLVNDCSL IHNNVCMAAV FVDRAGEWKL 180  
GGLDYMYSAQ GNGGGPPRKKG IPELEQYDPP ELADSSGRVV REKWSADMWR LGCLIWEVFN 240  
GPLPRAAALR NPGKIPKTLA PHYCELVGAN PKVVRPNPARF LQNCRAPGGF MSNRFVETNL 300  
FLEELQIKEP AEKQKFFQEL SKSLDAFPED FCRHKLLPQL LTAFEGFNAG AVVLTPLFKV 360  
GKFLSAEEYQ QKIIIPVVVKM FSSTDGRAMRI RLLQQMEOQFI QYLDEPTVNT QIFPHVVHGF 420  
LDTNPAIREQ TVKSMLLLAP KLNEANLNVE LMKHFARLQA KDEQGPIRCN TTVCLGKIGS 480  
YLSASTRHRV LTSAFSRATR DPFAFSRVAG VLGFATTHNL YSMNDCAQKI LPVLCGLTVD 540  
PEKSVRDQAF KAFRSFLSKL ESVSEDPQL EEEVEKDVAEE SSPGMGGAAA SWAGWAVTGV 600  
SSLTSKLIRS HPTTAPTTEN IPQRPTPEGV PAPAPTPVRA TPTTSGHWET QEEDKDTAED 660  
SSTADRWDDE DWGSLEQEAEPV SVLAQQDDWS TGGQVSRASQ VSNSDHKSSK SPESDWSSWE 720  
AEGSWEQGWQ EPSSQEPPSD GTRLASEYNW GGPESSEDKGD PFATLSARPS TQPRPDSWGE 780  
DNWEGLETDs RQVKAELARK KREERRREME AKRAERKVAK GPMKLGARKL DZ 832

<210> 3  
<211> 9  
<212> PRT  
<213> Mouse

<400> 3

Arg Thr Val Leu Gly Val Ile Gly Asp  
1 5

<210> 4

<211> 9

<212> PRT

<213> Mouse

<400> 4

Arg Thr Ala Leu Gly Asp Ile Gly Asn  
1 5

<210> 5

<211> 27

<212> PRT

<213> Rat

<400> 5

Tyr Met Thr Val Ser Ile Ile Asp Arg Phe Met Gln Asp Ser Cys Val  
1 5 10 15

Pro Lys Lys Met Leu Gln Leu Val Gly Val Thr  
20 25

*Sub B1*  
<210> 6

<211> 28

<212> PRT

<213> Mouse

<400> 6

Lys Phe Arg Leu Leu Gln Glu Thr Met Tyr Met Thr Val Ser Ile Ile  
1 5 10 15

Asp Arg Phe Met Gln Asn Ser Cys Val Pro Lys Lys  
20 25

<210> 7

<211> 27

<212> PRT

<213> Mouse

<400> 7

Arg Ala Ile Leu Ile Asp Trp Leu Ile Gln Val Gln Met Lys Phe Arg  
1 5 10 15

Leu Leu Gln Glu Thr Met Tyr Met Thr Val Ser  
20 25

<210> 8  
<211> 27  
<212> PRT  
<213> Mouse

<400> 8  
Asp Arg Phe Leu Gln Ala Gln Leu Val Cys Arg Lys Lys Leu Gln Val  
1 5 10 15

Val Gly Ile Thr Ala Leu Leu Leu Ala Ser Lys  
20 25

*Sub B1*  
<210> 9  
<211> 18  
<212> PRT  
<213> Mouse

<400> 9  
Met Ser Val Leu Arg Gly Lys Leu Gln Leu Val Gly Thr Ala Ala Met  
1 5 10 15

Leu Leu